

SUSPENSION

SERVICE DATA

Front wheel alignment	Vehicle height		C-A: D-B:
	Tire size	215/70R16	89 mm (3.50 in.) 57 mm (2.24 in.)
		225/65R17 235/55R18	97 mm (3.82 in.) 65 mm (2.56 in.)
		225/65R17*	97 mm (3.82 in.) 54 mm (2.13 in.)
	Toe-in (total)	A + B: C - D:	0°05' +-10' (0.08°+-0.16°) 1.0 +-2.0 mm (0.04 +-0.08 in.)
	Wheel angle	Tire size: 215/70R16	Inside wheel: 38°55' (36°55' to 40°55') 38.9°(36.9° to 40.9°) Outside wheel: Reference 32°20' 32.3°
		Tire size: 225/65R17 235/55R18	Inside wheel: 35°50' (33°55' to 37°55') 35.8°(33.8° to 37.9°) Outside wheel: Reference 30°29' 30.5°
	Camber	Tire size: 215/70R16	-0°08' +-45' (-0.13°+-0.75°)
		Tire size: 225/65R17 235/55R18	-0°11' +-45' (-0.18°+-0.75°)
	Caster	Tire size: 215/70R16	5°43' +-45' (5.72°+-0.75°)
		Tire size: 225/65R17 235/55R18	5°50' +-45' (5.83°+-0.75°)
		Tire size: 225/65R17*	5°37' +-45' (5.62°+-0.75°)
	Steering axis inclination	Tire size: 215/70R16	11°16' +-30' (11.27°+-0.50°)
		Tire size: 225/65R17 235/55R18	11°26' +-30' (11.43°+-0.50°)
Rear wheel alignment	Toe-in (total)	A + B: C - D:	0°11' +-10' (0.18° +-0.17°) 2.3 +-1 mm (0.09 +-0.04 in.)
	Camber Right-left error	Tire size: 215/70R16	0°55' +-45' (-0.92 +-0.75°) 45' (0.75°) or less
		Tire size: 225/65R17 235/55R18	-1°04' +-45' (-1.07 +-0.75°) 45' (0.75°) or less
		Tire size: 225/65R17*	-0°52' +-45' (-0.87 +-0.75°) 45' (0.75°) or less
Front suspension	Lower ball joint turning torque		0.98 to 3.43 N*m (10 to 35 kgf*cm, 9 to 30 in.*lbf) or less
	Stabilizer link turning torque		0.05 to 1.96 N*m, (0.5 to 20 kgf*cm, 0.4 to 17 in.*lbf) or less
Rear suspension	No. 1 suspension arm turning torque		3.4 N*m (35 kgf*cm, 30 in.*lbf)
	Stabilizer link turning torque		0.05 to 1.96 N*m, (0.5 to 20 kgf*cm, 0.4 to 17 in.*lbf) or less

*: w/ 3rd seat.

TORQUE SPECIFICATIONS

Part Tightened	N*m	kgf*cm	ft.*lbf
Front shock absorber nut x Piston rod	47	479	35
Front shock absorber with coil spring x Body	50	510	37
Front shock absorber x Stabilizer link	74	755	55
Front shock absorber x Steering knuckle	240	2,447	177
Front shock absorber x Front speed sensor wire	18.5	189	14
Hood bolt	13	133	10
Tie rod end x Steering knuckle	49	500	36
Front suspension crossmember x Lower No. 1 arm	233	2,376	172
Front suspension member brace rear (front side) x Body	145	1,479	107
Front suspension member brace rear (rear side) x Body	93	948	69
Front suspension lower No. 1 arm x Lower ball joint	92	938	68
Rear engine mounting insulator x Front suspension crossmember	95	969	70
Steering knuckle x Lower ball joint	133	1,356	98
Front axle hub nut	216	2,203	159
Front brake cylinder x steering knuckle	98	999	72
Front suspension crossmember x Front suspension member brace front	87	887	64
No. 2 parking brake cable x Trailing arm	6.0	61	53 in.*lbf
Skid control sensor wire (for nut)	5.0	51	44
Skid control sensor wire (for bolt)	8.5	87	75 in.*lbf
Rear speed sensor x Rear axle carrier	8.5	87	75 in.*lbf
Rear suspension No. 2 arm x Rear stabilizer link	30	306	22
Rear stabilizer bar x Rear stabilizer link	74	755	55
Rear suspension member x Rear suspension No. 2 arm	90	918	66
Rear axle carrier x Rear suspension No. 2 arm	90	918	66
Rear shock absorber x Rear suspension member	80	816	59
Bracket x Rear axle carrier	80	816	59
Rear upper control arm x Rear suspension member	90	918	66
Rear upper control arm x Rear axle carrier	90	918	66
Rear suspension No. 1 arm x Rear axle carrier	100	1,020	74
Rear suspension No. 1 arm x Rear suspension member	90	918	66

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Part Tightened	N*m	kgf*cm	ft.*lbf
Rear stabilizer bracket x Rear suspension member	60	612	44
Rear trailing arm x Body (front side)	150	1,530	111
Rear trailing arm x Body (Rear side)	200	2,039	148